

Engr 672: Viscoelasticity SCHOOL OF ENGINEERING

Integral and differential operator forms of constitutive relationships, relaxation and creep characteristics, integran and Fourier transform methods. Laplace transform methods and approximate inversion techniques. Dynamic response problems and temperature-dependent effects. Nonlinear behavior characterization.

3 Credits

Prerequisites

• Engr 617: Continuum Mechanics

Instruction Type(s)

• Lecture: Lecture for Engr 672

Subject Areas

- Engineering, General
- <u>Mechanical Engineering</u>
- Civil Engineering, General

The University of Mississippi is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award certificates and baccalaureate, master's, specialist, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, call 404-679-4500, or visit online at www.sacscoc.org for questions about the accreditation.

